

A4/A3 Document Scanner



M3097DE/DG

36 ppm, Duplex Scanner
with ADF and Flatbed

- 66 A4 ipm
- DUPLEX
- 100pages
AUTOMATIC
- Flatbed scanner
- DG
SCSI-2
- DE
RS232C+
Video
- TWAIN
ISIS
- A3
Double
Letter
- Error
diffusion
- 16MB

Fujitsu's M3097DE/DG scanners are ideal for departments and workgroups that demand uncompromising quality, performance and flexibility from their document scanners.

High-Performance Duplex Scanners

Affordable, high-quality, high performance Fujitsu M3097DE/DG scanners let your organisation incorporate the benefits of image capture on a broader scale. With single and double-sided document scanning, departments and workgroups can increase throughput and productivity. The scanners flexible paper-handling capability conveniently accommodates a wide variety of documents, from small receipts to large financial reports. Fujitsu's image enhancement and dynamic thresholding ensure high quality from document to document, automatically adapting to the quality of the original.

Higher Performance For Increased Productivity

Fujitsu M3097DE/DG scanners offer pro-

duction level performance at a departmental price. Scanning throughput in portrait mode is 36 A4 pages per minute (ppm) in a simplex mode and 66 images per minute (ipm) in duplex mode. Each has a maximum resolution of 600 dpi to capture the fine details of graphics and photos, while sophisticated dithering and diffusion algorithms deliver superior halftone rendering.

Automation Improves Productivity

An automatic document feeder with 100-sheet capacity allow continuous, unattended scanning. What's more, Fujitsu's Image processing technology - which supports dynamic thresholding, image enhancement, OCR smoothing and despeckling - reduces the need for continual adjustments during operation

significantly improving users productivity.

Convenient Operation

Because ease of use is just as important as quality results, we've made the Fujitsu M3097DE/DG scanners incredibly convenient to operate. For the ultimate in flexibility, the duplex document feeder supports paper sizes as small as 4.1 x 5.8" and as large as A3 or double letter. And it supports paper that ranges in thickness from onion skin to card stock. To improve productivity, the dual CCDs scan both sides at once while the automatic page-end detection saves file space and the jam detection reduces down time.

Broad Compatibility and support

The M3097DE/DG scanners feature a standard RS-232C/video or SCSI-2 interface for the simplest connection to leading controllers. On top of that, they work seamlessly with most applications and subsystems that support either the TWAIN, ISIS or video scanning driver interface.

M3097DE/DG Specifications

Document Feeding Mode		Flatbed and ADF (automatic document feeder)
Technology		CCD (charge-coupled device) image sensor
Document size	Minimum	A6 or 4.1 in. x 5.8 in.
	Maximum	A3 or double letter (11 x 17 in.)
Resolutions		600*3, 400, 300, 240, 200, 150, 100 dpi (selectable)
Optical Resolutions		400 dpi
Scanning speed (mechanical)	ADF Simplex scanning	36 ppm for A4 portrait format at 200 dpi, 26 pm for A3 portrait format at 200 dpi
	ADF Duplex scanning	66 ipm for A4 portrait format at 200 dpi
	Flatbed scanning	2.0 sec for A4 portrait format at 200 dpi, 2.9 sec for A3 portrait format at 200 dpi
Grayscale level (internal)		256 levels image data processing in the scanner
Halftone patterns		Dither: Error diffusion
Capacity of ADF		Maximum 100 sheets, paper weight 64g/m ² , (17lbs), A4
Interfaces		M3097DE: RS232C + Video; M3097DG: SCSI-2
Video output	M3097DE	Binary, 8-bit gray level (through option slot)*2
	M3097DG	Binary, 8-bit gray level*2
Power requirements		100 - 120 - VAC 50/60 Hz, 200 - 240 VAC 50/60 Hz, 120 VA or less
Operating Environment	Temperature	5°C - 35°C
	Relative humidity	20% - 80% (noncondensing)
Dimensions (W x D x H)		696 x 497 x 234 mm (27 x 19.6 x 9.2 in.)
Weight		20 kg (44.2 lbs)
Options	1. IPC 3D board	(1) IPC functions: Dither pattern download, Automatic binarization, Automatic separation between photographs and text, Zooming: 25% to 200% by 1% steps, Outline extraction, Image emphasis, Mirror image, Reverse image, Clipping (2) DTC enhanced functions: Spot noise removing, Dynamic threshold, Gamma curve correction, Filtering, Threshold curve selection, Smoothing
Others	M3097DE	16 MB memory pre-installed
	M3097DG	16 MB memory (compression) pre-installed

*2 - Will require 3rd party board and/or software support.

*3 - Memory required for zooming.

Specifications are subject to change without notice. For the latest information, contact your local Fujitsu representative.

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